

HVX501

VOC HANDGERÄT

GASE-LISTE

Der relative Gasfaktor ist angegeben damit der Benutzer die VOC-Werte berechnen kann.
Der Benutzer nimmt als Messbasis Isobutylene und kann dann den Messwert mit dem Faktor aus der speziellen Gase-Liste multiplizieren.

GAS NAME	RELATIVER GASFAKTOR	GAS NAME	RELATIVER GASFAKTOR
1,2,3-trimethylbenzene	0.49	arsine	2.60
1,2,4-trimethylbenzene	0.43	benzene	0.53
1,2-dibromoethane	11.70	bromoform	2.30
1,2-dichlorobenzene	0.50	bromomethane	1.80
1,3,5-trimethylbenzene	0.34	butadiene	0.69
1,4-dioxane	1.40	butyl acetate	2.40
1-butanol	3.40	carbon disulfide	1.20
1-methoxy-2-propanol	1.40	chlorobenzene	0.40
1-propanol	5.70	cumene (isopropylbenzene)	0.54
2-butoxyethanol	1.30	cyclohexane	1.50
2-methoxyethanol	2.50	cyclohexanone	0.82
2-pentanone	0.78	decane	1.60
2-picoline	0.57	diethylamine	1.00
3-picoline	0.90	dimethoxymethane	11.30
4-hydroxy-4-methyl-2-pentanone	0.55	dimethyl disulfide	0.30
4-methylbenzyl alcohol	0.80	diesel fuel #1	0.90
acetaldehyde	10.80	diesel fuel #2	0.75
acetic acid	11.00	epichlorhydrin	7.60
acetone	1.20	ethanol 10	10.00
acetophenone	0.59	ethyl acetate	4.20
acrolein	3.90	ethyl acetoacetate	0.90
allyl alcohol	2.50	ethyl acrylate	2.30
ammonia	9.40	ethyl ether (diethyl ether)	1.20
amylacetate	3.50	ethyl mercaptan	0.60

GAS NAME	RELATIVER GASFAKTOR	GAS NAME	RELATIVER GASFAKTOR
ethylbenzene	0.51	n,n-dimethylformamide	0.80
ethylene	10.10	n-hexane	4.50
ethylene glycol	15.70	nitric oxide	7.20
ethylene oxide	19.50	n-nonane	1.60
gasoline	1.10	n-pentane	9.70
heptane	2.50	n-propyl acetate	3.10
hydrazine	2.60	octane	2.20
hydrogen sulfide	3.20	o-xylene	0.54
isoamyl acetate	1.80	phenol	1.00
isobutanol	4.70	phosphine	2.80
isobutyl acetate	2.60	pinene, alpha	0.40
isobutylene	1.00	pinene, beta	0.40
isooctane	1.30	propionaldehyde (propanal)	14.80
isopentane	8.00	propylene	1.30
isophorone	0.74	propylene oxide	6.50
isoprene (2-methyl-1,3-butadiene)	0.60	p-xylene	0.50
isopropanol	5.60	pyridine	0.79
isopropyl acetate	2.60	quinoline	0.72
isopropyl ether	0.80	styrene	0.40
isopropylamine	0.90	tert-butyl alcohol	3.40
Jet A fuel	0.40	tert-butyl mercaptan	0.55
JP-5 fuel	0.48	tert-butylamine	0.71
JP-8 fuel	0.48	tetrachloroethylene	0.56
mesityl oxide	0.47	tetrahydrofuran	1.60
methyl acetate	7.00	thiophene	0.47
methyl acetoacetate	1.10	toluene	0.53
methyl acrylate	3.40	trans-1,2-Dichloroethene	0.45
methyl benzoate	0.93	trichloroethylene	0.50
methyl ethyl ketone	0.90	trimethylamine	0.83
methyl isobutyl ketone	1.10	turpentine - crude sulfite	1.00
methyl mercaptan	0.60	turpentine - pure gum	0.45
methyl methacrylate	1.50	vinyl acetate	1.30
methyl tert-butyl ether	0.86	vinyl bromide	0.40
methylamine	1.20	vinyl chloride	1.80
m-xylene	0.53	vinylcyclohexane (VCH)	0.54
naphtalene	0.37	vinylidene chloride (1,1-DCE)	0.80
n,n-dimethylacetamide	0.73		